

10/089700
JC13 Rec'd PCT/PTO 01 APR 2002

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	UNKNOWN
				Filing Date	April 1, 2002
				First Named Inventor	Robert Anderson
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	HO-P02416US0

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number+Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
✓	A	EP0-0 905 518 A1	03-31-1999	Koning, Frits	

*Applicant's unique citation designation number (optional). ²See attached Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
✓	B	ARENTHANSEN, Helene; The Intestinal T Cell Response to α -Gliadin in Adult Celiac Disease is Focused on a Single Deamidated Glutamine Targeted by Tissue Transglutaminase; <i>J. Exp. Med.</i> Volume 191, No. 4, 2-2000 603-612.			
	C	ANDERSON, Robert et al.; <i>in vivo</i> antigen challenge in celiac disease identifies a single transglutaminase-modified peptide as the dominant A-gliadin T-cell epitope; <i>Nature Medicine</i> Vol. 6, No. 3, March 2000; 337-342.			
	D	UHLIG, H. et al., Role of Tissue Transglutaminase in Gliadin Binding to Reticular Extracellular Matrix and Relation to Coeliac Disease Autoantibodies; <i>Autoimmunity</i> , Vol. 28, pp. 185-195.			
	E	Database SwissProt Online! ID: GDA4-Wheat ACC:P04724, 13 August 1987 (Abstract)			
✓	F	OKITA, T. et al., Evolution and Heterogeneity of the α -1 β -type and γ -type Gliadin DNA Sequences; <i>The Journal of Biological Chemistry</i> ; Vol. 260, No. 13, July 5, 1985; pp. 8203-8213.			
✓	G	GODKIN, A. S. et al. Identification of a Coeliac Disease-Specific T Cell Epitope from A-Gliadin; <i>Cell</i> , Vol. 44, suppl. 1, page A72, April 1999.			
✓	H	TRONCONE, R. et al. Cytokines produced by Gliadin-Specific T Cell Clones from the Coeliac Mucosa; <i>Gastroenterology</i> , Vol. 110, No. 4, p. A103, April 1996.			
	I	VAN DE WAL, Y et al., Small intestinal T cells of celiac disease patients recognize a natural pepsin fragment of gliadin; <i>Proc. Natl. Acad. Sci.</i> Vol. 95, pp. 10050-10054, August 1998; <i>Immunology</i> .			
✓	J	O'KEEFFE, J. et al. T cell proliferation, MHC class II restriction and cytokine products of gliadin-stimulated peripheral blood mononuclear cells (PBMC); <i>Clin Exp. Immunol.</i> 1999; 117:269-276.			

Examiner Signature	David A. Sauerbrey	Date Considered	11/24/04
--------------------	--------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.